WHAT IS CLAIMED IS:

1. A display comprising a plurality of light emitting pixels, each pixels comprising an isolation transistor, a driving circuit, and an organic light emitting diode (OLED), said driving circuit storing a value that determines the magnitude of the light emitted by that pixels, said driving circuit placing said OLED in a conducting path between first and second power terminals, said isolation transistor connecting said driving circuit to a bit line when said isolation transistor is placed in a conducting state by the application of a logic signal to a word line.

2. The display of Claim 1 wherein said driving circuit comprises a storage capacitor and a driving transistor, said storage capacitor storing a charge that determines the magnitude of the light emitted by said pixels, said driving transistor having a gate connected to said storage capacitor, said driving transistor connecting said OLED between said first and second power terminals, said isolation transistor connecting said storage capacitor to said bit line when said isolation transistor is placed in said conducting state by the application of said logic signal to said word line.

Sub a2

3. The display of Claim 2 wherein said OLEDs are part of an array of OLEDs, said array of OLEDs comprising:

a flexible sheet having first and second surfaces, said first and second surfaces being parallel to one another, said flexible sheet being transparent to light of a first wavelength;

a first electrode comprising a first electrode layer in contact with said first surface, said first electrode layer being transparent to light of said first wavelength;

a light emitting layer comprising an organic polymer in electrical contact with said first electrode layer; and

a plurality of second electrodes, one such second electrode corresponding to each of said OLEDs, each of said second electrodes comprising an isolated conducting area in

electrical contact with said light emitting layer, said light emitting layer generating light of said first wavelength in a region adjacent to said second electrode when a potential difference is applied across said first and second electrodes.

4. The display of Claim 3 wherein said driving transistor are part of a transistor array having a plurality of connection points disposed on a surface, each of said connection points corresponding to one of said second electrodes in said array of OLEDs, said connection points being arranged such that each second electrode overlies said corresponding connection point when said array of OLEDs is properly aligned with said transistor array, and wherein said display further comprises a bonding layer located between said transistor array and said array of OLEDs, said bonding layer electrically connecting each of said second electrodes to that connection point corresponding to that second electrode.

5. The display of Claim 4 wherein said bonding layer comprises electrically conducting particles suspended in an electrically insulating adhesive.

6. The display of Claim 4 further comprising a light conversion layer in contact with said second surface of said flexible sheet, said light conversion layer absorbing light of said first wavelength and emitting light of a second wavelength.

7. The display of Claim 4 wherein said driving transistor are part of an array of thin film transistors.

Sub a3

8. A display comprising a plurality of light emitting pixels, said display comprising an array of driving transistor and an array of OLEDs, said array of OLEDs comprising:

a flexible sheet having first and second surfaces, said first and second surfaces being parallel to one another, said flexible sheet being transparent to light of a first wavelength;

a first electrode comprising a first electrode layer in contact with said first surface, said first electrode layer being transparent to light of said first wavelength;

a light emitting layer comprising an organic polymer in electrical contact with said first electrode layer; and

a plurality of second electrodes, one such second electrode corresponding to each of said OLEDs, each of said second electrodes comprising an isolated conducting area in contact with said light emitting layer, said light emitting layer generating light of said first wavelength in a region adjacent to said second electrode when a potential difference is applied across said first and second electrodes.

9. The display of Claim 8 wherein said array of driving transistor are part of a transistor array having a plurality of connection points disposed on a surface, each of said connection points corresponding to one of said second electrodes in said array of OLEDs, said connection points being arranged such that each second electrode overlies said corresponding connection point when said array of OLEDs is properly aligned with said transistor array, and wherein said display further comprises a bonding layer located between said transistor array and said array of OLEDs, said bonding layer electrically connecting each of said second electrodes to that second electrodes corresponding connection point.

10. The display of Claim 9 wherein said bonding layer comprises electrically conducting particles suspended in an electrically insulating adhesive.

11. The display of Claim 9 further comprising a light conversion layer in contact with said second surface of said flexible sheet, said light conversion layer absorbing light of said first wavelength and emitting light of a second wavelength.

12. The display of Claim 9 wherein said driving transistor are part of an array of thin film transistors.